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ATTORNEY DOCKET  
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PATENT APPLICATION  
10/825,345

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Shannon V. Davidson et al.  
Serial No.: 10/825,345  
Filing Date: April 15, 2004  
Group Art Unit: 2161  
Confirmation No.: 8660  
Title: System and Method for Computer Cluster Virtualization Using Dynamic Boot Images and Virtual

**Mail Stop: Amendments**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

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I hereby certify that this communication is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. § 1.10 on the date indicated below and is addressed to The Commissioner For Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

*Willie Jiles*

Willie Jiles

Date: November 13, 2006

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

Applicants respectfully request, pursuant to 37 C.F.R. §§1.56, 1.97, and 1.98, that the documents listed on the attached Form PTO-1449 be considered and cited in the examination of the above-identified application.

Pursuant to the changes to C.F.R. §1.98(a)(2), copies of U.S. patents and U.S. patent application publications have not been provided. References other than U.S. patents and U.S. patent application publications are enclosed for the convenience of the Examiner.

Pursuant to 37 C.F.R. §§1.97(g) and (h), Applicants make no representation that these documents qualify as prior art or that these documents are material to patentability of the present application or that a search has been made.

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**REMARKS**

Pursuant to 37 C.F.R. § 1.97(b)(3), Applicants believe this Information Disclosure Statement has been filed before the mailing date of the first Official Action in this case. Therefore, Applicants believe no fee is due. However, if a fee is required, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,

BAKER BOTT S L.L.P.  
Attorneys for Applicants



Travis W. Thomas  
Reg. No. 48,667

Date: November 13, 2006

**Correspondence Address:**

**Customer Number 45507**

<b>PTO-1449</b> <b>Information Disclosure Citation</b> <b>In an Application</b>			<b>Application No.</b> <b>10/825,345</b>		<b>Applicant(s)</b> <b>Shannon V. Davidson et al.</b>	
			<b>Docket Number</b> <b>064747.1011</b>	<b>Group Art Unit</b> <b>2161</b>	<b>Filing Date</b> <b>April 15, 2004</b>	
<b>U.S. PATENT DOCUMENTS</b>						
NOV 13 2006	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
<b>NON-PATENT DOCUMENTS</b>						
	<b>DOCUMENT (Including Author, Title, Source, and Pertinent Pages)</b>					<b>DATE</b>
/S.D./ <b>A</b>	Communication from the European Patent Office, European Search Report for Application No. PCT/US2005/012500 and Written Opinion of the International Search Authority, mailed 08/01/2005, 12 pages					08/01/2005
/S.D./ <b>B</b>	Communication from the European Patent Office, European Search Report for Application No. PCT/US2005/012489 and Written Opinion of the International Search Authority, mailed 11/18/2005, 14 pages					11/18/2005
/S.D./ <b>C</b>	Unknown, "HP AlphaServer SC User Guide," Internet Article, Online!, July 12, 2004, retrieved from the internet: URL: <a href="http://web1.quadrics.com/onlinedocs/A1phaServer/Eagle/html/AlphaServerUserGuide/">http://web1.quadrics.com/onlinedocs/A1phaServer/Eagle/html/AlphaServerUserGuide/</a> retrieved on 07/19/2005					07/12/2004
/S.D./ <b>D</b>	Choo et al., "An Efficient Submesh Allocation Scheme for 3D Torus Multicolor Systems," Parallel Algorithms/Architecture Synthesis, 1997, Proceedings, Second Aizu International Symposium Aizu-Wakamatsu, Japan, March 17-21, 1997					03/17/1997 - 03/21/1997
/S.D./ <b>E</b>	Unknown, "Message Passing Interface (MPI)," Internet Article, Online!, December 23, 2003, pages 1-33, retrieved from the internet: URL: <a href="http://web.archive.org/web/20040102194825/http://www.llnl.gov/computing/tutorials/mpi/">http://web.archive.org/web/20040102194825/http://www.llnl.gov/computing/tutorials/mpi/</a> , retrieved on 07/18/2005, pages					12/23/2003
/S.D./ <b>F</b>	Panagiotis, Christias et al., "inetd - Internet Services Daemon," pages 1-4, 1994 Man-cgi 1.15S, 1995 Modified for Solaris 2.3					1994
/S.D./ <b>G</b>	Unknown, "Cisco Local Director Configuration and Command Reference Guide," Internet Article, Online, April 4, 2001					04/04/2001
/S.D./ <b>H</b>	Moore et al., "Managing Mixed-Use Clusters with Clusters-onDemand," Internet Article, November 2002					November 2002
/S.D./ <b>I</b>	Di Santo et al., "Kernel Implementation of Locality-Aware Dispatching Techniques for Web Server Clusters," Cluster Computing, 2003 Proceedings, Pages 154-162					12/01/2003
/S.D./ <b>J</b>	Ross et al., "3.3 Connectionless Transport," February 22, 2001, pages 1-4, retrieved on 11/01/2005					11/02/2005
/S.D./ <b>K</b>	Davidson et al., Patent Application Serial No. 10/825,345, entitled, "System and Method for Computer Cluster Virtualization Using Dynamic Boot Images and Virtual Disk, 47 pages of specification, 10 pages of drawings, Attorney Docket No. 064747.1011					04/15/2004
/S.D./ <b>L</b>	Davidson, Patent Application Serial No. 10/991,598, entitled, "Scheduling in a High Performance Computing (HPC) System", 111 pages specification, claims and abstract, 11 pages of drawings, Attorney Docket No. 064747.1048					11/17/2004
/S.D./ <b>M</b>	Davidson, Patent Application Serial No. 10/991,994, entitled, "On-Demand Instantiation in a High-Performance Computing (HPC) System", 110 pages specification, claims and abstract, 12 pages of drawings, Attorney Docket No. 064747.1049					11/17/2004
EXAMINER /Saket Daftuar/ (06/10/2008)			DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						

PTO-1449 <b>Information Disclosure Citation In an Application</b>			Application No. <b>10/825,345</b>	Applicant(s) <b>Shannon V. Davidson et al.</b>			
			Docket Number <b>064747.1011</b>	Group Art Unit <b>2161</b>	Filing Date <b>April 15, 2004</b>		
<b>U.S. PATENT DOCUMENTS</b>							
	<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>FILING DATE</b>	
<b>FOREIGN PATENT DOCUMENTS</b>						<b>TRANSLATION</b>	
	<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>COUNTRY</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>YES</b>	<b>NO</b>
<b>NON-PATENT DOCUMENTS</b>							
	<b>DOCUMENT (Including Author, Title, Source, and Pertinent Pages)</b>					<b>DATE</b>	
/S.D./	<b>A</b>	Ballew et al., Patent Application Serial No. 10/824,874, entitled, "High Performance Computing System and Method", 47 pages specification, claims and abstract, 10 pages of drawings, Attorney Docket No. 064747.1012				04/15/2004	
/S.D./	<b>B</b>	Ballew et al., Patent Application Serial No. 10/825,539, entitled, "System and Method for Cluster Management Based on HPC Architecture", 49 pages specification, claims and abstract, 10 pages of drawings, Attorney Docket No. 064747.1014				04/15/2004	
/S.D./	<b>C</b>	Ballew et al., Patent Application Serial No. 10/826,959, entitled, "System and Method for Detecting and Managing HPC Node Failure", 49 pages specification, claims and abstract, 10 pages of drawings, Attorney Docket No. 064747.1015				04/15/2004	
/S.D./	<b>D</b>	Davidson, Patent Application Serial No. 10/824,873, entitled, "Graphical User Interface for Managing HPC Clusters", 48 pages specification, claims and abstract, 10 pages of drawings, Attorney Docket No. 064747.1016				04/15/2004	
/S.D./	<b>E</b>	Ballew et al., Patent Application Serial No. 10/825,021, entitled, "System and Method for Topology-aware Job Scheduling and Backfilling in an HPC Environment", 49 pages specification, claims and abstract, 10 pages of drawings, Attorney Docket No. 064747.1017				04/15/2004	
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